

**STATEMENT OF WORK**

**FOR THE**

**FIREFINDER RADAR SCREENING PROGRAM**

**NSN 0003-00-000-0000**

**Statement of Work  
For the  
Firefinder Radar Screening Program  
NSN 0003-00-000-0000**

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**1.0 SCOPE.** This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that the Contractor shall perform to screen/repair the Firefinder Radar Sets. This document contains requirements to restore the Firefinder Radar Set to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction, including material with more than six months shelf-life remaining". When screened/ repaired, the Contractor shall assign the appropriate Condition Code to the Firefinder Radar Set. The Contractor shall use a contact team maintenance technique to conduct the screening effort four times per year, one at each of the four geographic locations of the Firefinder Radar Sets.

**1.1 Background.** Repair is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment, components, or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

**2.0 APPLICABLE DOCUMENTS.** The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

**2.1 Military Standards**

MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	Identification Marking of U.S. Military Property

**2.2 Other Government Documents and Publications**

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
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**Military Handbook (For Guidance Only)**

MIL-HDBK-61	Configuration Management Guidance
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## **2.3 Industry Standards**

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems – Requirements
JESD625-A	Requirements for Handling-Electrostatic-Discharge Sensitive (ESDS) Devices

### **Industry Standard (For Guidance Only)**

ANSI/EIA-649	National Consensus Standard for Configuration Management
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Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019, commercial telephone number (229) 639-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., STE 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

## **3.0 REQUIREMENTS**

### **3.1 General Tasks.** In fulfilling the specified requirements, the Contractor shall:

- a. Ship one Condition Code “A” Firefinder Radar Set to the geographic area in advance to replace the Firefinder Radar Set to be evacuated on the rotation program at the end of the local screening process. This Condition Code A asset should precede the arrival of the contact team.
- b. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the Firefinder Radar Sets. The Contractor shall pre-arrange use of owning unit facilities to conduct screening of three of the Firefinder Radar Sets. Upon completion of screening, the subject Firefinder Radar Sets shall be Condition Code “A”. The fourth asset shall be shipped to the Contractor’s facility to be screened.
- c. Prior to shipping the Firefinder Radar Set to be rotated out, Line Replaceable Units (LRUs) and replacement parts may be selectively used to restore the three assets being screened locally to Condition Code A.

d. Ensure the Firefinder Radar Sets are modified to current configuration. If a modification has not been applied, indicate on the Limited Technical Inspection at time of induction, as prescribed in paragraph 3.2.1.

**3.2 Detail Tasks.** The following tasks describe the different phases for screening/repair of the Firefinder Radar Sets.

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling, Storage and Transportation (PHS&T)

**3.2.1 Phase I - Pre-Induction.** The Contractor shall perform a pre-induction inspection analysis for each Firefinder Radar Set. One set shall be identified as the Firefinder Radar Set to be rotated back to the Contractor's facility for additional screening and the remaining three shall be screened locally. Three locally screened Firefinder Radar Sets shall be restored to Condition Code "A" prior to the contact team leaving the area. Standard Form 364 (Appendix B) and Report DA-2404 (Appendix A) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

**3.2.2 Phase II – Repair.** Deficiencies noted to the three locally screened Firefinder Radar Sets on Appendix A and Appendix B during Phase I shall be repaired/replaced in accordance with this SOW. In accomplishing these repairs, the contractor shall use parts procured from the local Float Activity Group, the Barstow parts block and selective interchange of components from the Firefinder Radar Set to be screened at the Contractor's facility in that order. If repair is still not feasible, the Contractor shall attempt to procure needed parts via the Materiel Manager, Code 576-1, Marine Corps Logistics Bases (MCLB), Albany, Georgia. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

**a. Hardware**

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety items and one-time use items.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

**b. Publications and Documentation:** The Contractor shall use appropriate technical documentation to restore the Firefinder Radar Sets to the Condition Code "A" as discussed in paragraph 1.1.

- c. The following Standards shall be used to assist the Contractor:

MIL-STD-130

Identification Marking of U.S. Military Property

d. Screening/repair time shall not exceed two weeks for the three locally screened Firefinder Radar Sets as a norm. The Firefinder Radar Materiel Manager shall be notified for any request for extension if it is anticipated that the screening/repair time will exceed two weeks.

### **3.2.3 Phase III - Inspection, Testing and Acceptance**

a. The Contractor shall be responsible for conducting all required tests on the Firefinder Radar Sets.

b. The Contractor shall be responsible for correcting deficiencies identified during inspection/ testing. Marine Corps Systems Command (MCSC) (Code BMADS), Albany, GA representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

### **3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T)**

a. The Contractor shall be responsible for preservation and packaging of the item(s) being repaired under the terms of this statement of work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with Level "A" requirements of MIL-STD-2073-1D, Appendix J, Table J.Ia., Specialized Preservation Code "GX" for those items of Federal Supply Class (FSC) 5998 and 5999. Those items of FSC 5840 and 5895 shall be Level "A" in accordance with MIL-STD-2073-1D, Appendix A, Table A. VI., Electronic Equipment. All items packaged under "GX" shall be placed in a reusable fast pack container. Items scheduled for domestic shipment for immediate use or short-term storage shall be packaged in accordance with Level "B" requirements for both packaging methods above.

b. Marking for shipping and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment of the equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

**3.3 Configuration Management.** The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. All permanent changes to the form, fit or function of the baseline shall be by Engineering Change Proposal. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provides guidance for preparing these configuration control documentations.

**3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel(GFM).**

The Management Control Activity (MCA/Code 571-1) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel Management Department, Management Control Activity (Code 571-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

**3.5 Contractor Furnished Materiel (CFM).** The Contractor may requisition materiel as required in the performance of this SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

**3.6 Electrostatic Discharge (ESD) Control Program.** The Contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

**3.7 Quality Assurance Provisions.** The Contractor shall provide and maintain a Quality System that has a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the Contractor shall be responsible for performance of all inspection requirements. MCSC (Code BMADS), Albany, GA reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

**3.8 Acceptance.** The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC (Code BMADS), Albany, GA representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractor's facility. Final acceptance shall be conducted on 100% of items to verify that the units meet all requirements.

**3.9 Rejection.** Failure to comply with any of the specified requirements listed herein shall be reason for rejection by the MCSC (Code BMADS), Albany, GA representative. The Contractor shall, at no additional cost provide the following:

- a. Develop a corrective action plan to correct deficiencies.

b. Upon approval of a corrective action plan, the Contractor shall correct the deficiencies and repeat the verification until all requirements are met.

**4.0 REPORTS.** In fulfilling the specified requirements, the Contractor is required to submit:

a. A Monthly Status Report shall be submitted to the Materiel Manager by the 10<sup>th</sup> of each month. The report should include reviewed ECPs, significant events, site visit maintenance actions, funding data, and point of contact information for Firefinder Radar Circuit Cards.

b. A Monthly Firefinder Radar Screening Program Report, Appendix (C), which shall include all data from the previous months for the current fiscal year. The report should include all completed and In-process items in NSN sequence. This report shall be submitted no later than the tenth of the following month.

c. The reports shall be submitted via E-Mail to the Firefinder Radar Materiel Manager, with courtesy copies to the Logistics Management Specialist (LMS) and Equipment Specialist (ES).

E-mail addresses:

[drakejd@matcom.usmc.mil](mailto:drakejd@matcom.usmc.mil)

John Drake – Materiel Manager

[dearinghc@mcsc.usmc.mil](mailto:dearinghc@mcsc.usmc.mil)

Harvey Dearing – Logistics Management Specialist

[townsendda@mcsc.usmc.mil](mailto:townsendda@mcsc.usmc.mil)

SSgt D. A. Townsend – Equipment Specialist

d. Prior to the submission of the final report (15 October), the Contractor shall close out the Screening Program Master Work Schedule Line item number that provides program funding. Non-closure shall not be cause for delay of the final report.

e. Provide a five year estimate of the funding required to support the repair of Firefinder Radar Circuit Cards. The report shall be due to the Materiel Manager by 31 March of each year for funding planning purposes for the coming fiscal year.

## **5.0 COST AND FINANCIAL ADMINISTRATION**

a. Upon completion of negotiations, the agreed upon price shall remain fixed for the duration of the repair effort, or through the end of the fiscal year, whichever comes first. The price for any work to be performed for the next fiscal year shall be developed by the repair facility, and shall be submitted to the Materiel Manager, Code 576-1, Marine Corps Logistics Bases (MCLB), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, by 15 August to allow for processing of agreed upon documentation, prior to the beginning of the fiscal year.

b. The specific procedures, which shall be used to transfer funds under this SOW, shall be determined by financial management representatives of the two activities. On a quarterly basis, the Military Interdepartmental Purchase Request (MIPR) shall be used for transfer of funds



between the parties to this SOW. The Contractor shall submit final obligation by one (1) week prior to the end of the fiscal year. This agreement shall go into effect when funds are transferred to the Contractor.

c. The Program Pricing Policy for repair costs shall be determined as follows:

1. Labor cost shall be calculated and recorded against each item processed based on agreed labor hour rates.

2. Parts costs shall be stratified over the dollar value (Standard Unit Price) of each item processed to include "lot-quantity" materials.

3. The pricing policy shall allow for determination of fund balances based on Monthly Firefinder Radar Screening Program Reports and must equal the total funded for a fiscal year upon completion of the last in process items for that fiscal year.

4. Materiel Manager, Code 576-1, MCLB, Albany, Georgia shall annually review and establish general program pricing policy as necessary.

d. The Contractor shall maintain complete fund accounting, according to current regulations and the procedures identified in this SOW.

e. The Contractor and MCLB (Code 562-1), Albany, GA shall conduct a financial review no later than 1 July to determine the funding required for the remainder of the fiscal year. MCLB (Code L21), Albany, GA shall take the lead in scheduling the date and time for the financial review.

DA FORM 2404  
1 APR 79

Procedes edition of 1 Jan 84, which shall be used

## INSTRUCTIONS

DEPARTMENT OF DEFENSE: DLAR 4140.55/AR 735.11.2/NAVSUPINST 4440.127E/AFR 400.54/MCO 4430.3E, Reporting of Item and Packaging Discrepancies, and/or DLAR 4140.60/AR 12-12/NAVSUPINST 4920.9B/AFR 67.7/MCO 4140.1B, processing Discrepancy Reports Against Foreign Military Sales Shipments. CIVILIAN AGENCIES: See FPMR handbook cited in 19 (2) (a).

REPORT OF DISCREPANCY (ROD)				1. DATE OF PREPARATION		2. REPORT NUMBER		
SHIPPING				PACKAGING				
3. TO: (Name and Address, Include ZIP Code)				4. FROM: (Name and Address, Include ZIP Code)				
5a. SHIPPERS NAME				5b. NUMBER AND DATE OF INVOICE		5c. TRANSPORTATION DOCUMENT NUMBER (GBL, Waybill, TCN, etc.)		
6a. SHIPPER'S NUMBER (Purchase Order/Shipmet, Contract, etc)		7b. OFFICE ADMINISTERING CONTRACT		8. REQUISITIONER'S NUMBER (Requisition, Purchase Request, etc.)				
9. SHIPMENT, BILLING, AND RECEIPT DATA					10. DISCREPANCY DATA			11.
NSN/PART NUMBER AND NOMENCLATURE		UNIT OF ISSUE	QUANTITY SHIPPED/ BILLED	QUANTITY RECEIVED	QUANTITY	UNIT PRICE	TOTAL COST	1 CODE
(a)		(b)	(c)	(d)	(a)	(b)	(c)	(d)
12. REMARKS (continue on separate sheet of paper if necessary)								

1. DISCREPANCY CODES		2. ACTION CODES	
<b>CONDITION OF MATERIAL</b> C1 - In condition other than that indicated on release/receipt document C2 - Expired shelf life C3 - Damaged parcel post shipment <b>SUPPLY DOCUMENTATION</b> D1 - Not received D2 - Illegible or mutilated D3 - Incomplete, Improper or without authority <i>(Only when receipt cannot be properly processed)</i> <b>MISDIRECTED MATERIAL</b> M1 - Addressed to wrong activity <b>OVERAGE/DUPLICATE SHIPMENTS</b> O1 - Quantity in excess of that on receipt document O2 - Quantity in excess of that requested <i>(Other than unit of issue pack)</i> O3 - Quantity duplicate shipment <b>PACKAGING DISCREPANCY</b> P1 - Improper preservation P2 - Improper packing P3 - Improper Marking P4 - Improper unitization		<b>PRODUCT QUALITY DEFICIENCIES</b> Q1 - Deficient material <i>(Applicable to Grant Aid and FMS shipments)</i> <b>SHORTAGE OF MATERIAL</b> S1 - Quantity less than that on receipt document S2 - Quantity less than that requested <i>(Other than unit of issue pack)</i> S3 - Non-receipt of parcel post shipments <b>ITEM TECHNICAL DATA MARKINGS (i.e., Name Plates, Log Books, Operating Handbooks, Special Instructions, etc.)</b> T1 - Missing T2 - Illegible or Mutilated T3 - Precautionary operational markings missing T4 - Inspection data missing or incomplete T5 - Serviceability operating data missing or incomplete T6 - Warranty data missing <b>WRONG ITEM (Identify requested item as a separate copy in Item 9. above)</b> W1 - Incorrect item received W2 - Unacceptable substitute <b>OTHER DISCREPANCIES</b> Z1 - See Remarks	
		1A - Disposition instructions requested <i>(Reply on reverse)</i> 1B - Material being retained <i>(See Remarks)</i> 1C - Supporting supply documentation requested 1D - Material still required, expedite shipment <i>(Not applicable to FMS)</i> 1E - Local purchase material to be returned at supplier's expense unless disposition instructions to the contrary are received within 15 days <i>(Reply on reverse)</i> <i>(Not applicable to FMS)</i> 1F - Replacement shipment requested <i>(Not applicable to FMS)</i> 1G - Reshipment not required. Item to be re-requisitioned 1H - No action required. Information only 1Z - Other action requested <i>(See remarks)</i>	

## 13. FUNDING AND ACCOUNTING DATA

14a. TYPED OR PRINTED NAME, TITLE, AND PHONE NUMBER OF PREPARING OFFICIAL	14b. SIGNATURE
5. DISTRIBUTION ADDRESSEES FOR COPIES	

15 April 2003

16. FROM:		17. DISTRIBUTION ADDRESSEES FOR DISTRIBUTION	
18. TO:			Use window envelope to mail this document. Insert Name and address, including ZIP Code, starting one typing space below the left dot. Each address line must NOT extend beyond right dot. Address must not exceed four single space typing lines.
19. IN ACCORDANCE WITH NOTICE OF DISCREPANCY ON FACE OF THIS FORM:			
a. MATERIAL <input type="checkbox"/> HAS BEEN <input type="checkbox"/> SHALL BE    SHIPPED		DOCUMENT NUMBER	
c. <input type="checkbox"/> AN ADJUSTMENT IN BILLING HAS BEEN/SHALL BE PROCESSED <input type="checkbox"/> CREDIT <input type="checkbox"/> DEBIT		b. <input type="checkbox"/> NO RECORD OF SHIPMENT. RESUBMIT REPORT TO PROPER OFFICE UNDER APPROPRIATE REGULATION.  d. <input type="checkbox"/> INVOICE/BILL ATTACHED    e. <input type="checkbox"/> PROOF OF DELIVERY (Parcel Post Shipments) OR EVIDENCE	
f. <input type="checkbox"/> AN ADJUSTMENT IN BILLING FOR THIS REPORTED DISCREPANCY SHALL NOT BE PROCESSED FOR THE FOLLOWING REASON WHICH IS CITED IN THE INDICATED REGULATION			
(1) REASON FOR NOT PROCESSING		(2) PRESCRIBING REGULATION	
<input type="checkbox"/> (a) DISCREPANCY WAS NOT REPORTED WITHIN THE TIME FRAMES ALLOWED AND/OR		<input type="checkbox"/> (a) CHAPTER 5 OF THE GSA HANDBOOK, DISCREPANCIES OR DEFICIENCIES IN GSA OR DOD SHIPMENTS, MATERIALS, OR BILLINGS (FPMR 101.26.8)	
<input type="checkbox"/> (b) DOLLAR VALUE DOES NOT MEET THE CRITERIA PRESCRIBED IN THE REGULATION OR AGREEMENT INDICATED IN 191(2)		<input type="checkbox"/> (b) CHAPTER 2 AND/OR 7 OF DOD 4000.25.7 M. MILITARY STANDARD BILLING SYSTEM (MILBILLS) AND/OR DD 1513, U.S. DOD OFFER AND ACCEPTANCE, AS APPLICABLE	
20. THE FOLLOWING DISPOSITION IS TO BE MADE OF THE REFERENCED MATERIAL			
a. <input type="checkbox"/> PROCESS FOR DISPOSAL IN ACCORDANCE WITH SERVICE/AGENCY DIRECTIVES		b. <input type="checkbox"/> REPRESENTATIVE SHALL CALL FOR DISCUSSION CONCERNING DISPOSITION	
c. <input type="checkbox"/> RETAIN MATERIAL AT NO CHARGE		d. <input type="checkbox"/> MATERIAL SHALL BE PICKED UP IN:	
e. <input type="checkbox"/> SHIP MATERIAL <i>Specify location</i>		DAYS	
(1) <input type="checkbox"/> GBL APPROPRIATION CHARGEABLE:		(2) <input type="checkbox"/> CHARGES COLLECT - VIA: <input type="checkbox"/> FREIGHT <input type="checkbox"/> EXPRESS <input type="checkbox"/> PARCEL POST	
(3) <input type="checkbox"/> PARCEL POST LABEL ATTACHED		(4) <input type="checkbox"/> FREIGHT PREPAID	
f. <input type="checkbox"/> OTHER <i>(Specify)</i>		DAYS	
21. <input type="checkbox"/> IF MATERIAL IS STILL REQUIRED, SUBMIT NEW REQUISITION.		22. <input type="checkbox"/> REPLACEMENT WITH SATISFACTORY MATERIAL SHALL BE MADE ON/OR BEFORE:	
23. REMARKS <i>(Continue on separate sheet of paper if necessary).</i>			
24a. TYPED OR PRINTED NAME AND PHONE NUMBER OF PREPARING OFFICIAL		24b. SIGNATURE	
24c. DATE		DATE	

STANDARD FORM 364 BACK (REV. 2-80)

Appendix B

## Screening Program Report Form For Firefinder Radar AN/TPQ-46A

FSC	NIIN	Nomenclature	Serial Number	NSN Shipped	Condition Code In	Condition Code out	Date In	Date Out	Hours	Labor Costs	Parts Costs	Total Costs	Standard Unit Price	35% of Standard Unit Cost	Expense Savings
A	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
1. Reports should be submitted in either Microsoft Excel or Lotus 123.															
2. The field widths can be adjusted as required.															
3. Column A: enter the FSC															
4. Column B: enter the NIIN for the item received into the screening program															
5. Column C: enter the item nomenclature															
6. Column D: enter the serial number of the item															
7. Column E: enter the NSN shipped if different from the one received															
8. Column F: enter the condition code of the item received															
9. Column G: enter the condition code of the item shipped															
10. Column H: enter the date the item was inducted															
11. Column I: enter the date the item was shipped															
12. Column J: enter the hours spent repairing the item															
13. Column K: enter the labor costs to repair the item															
14. Column L: enter the parts costs to repair the item															
15. Column M: enter the total costs of repair															
16. Column N: enter the standard unit price of the item															
17. Column O: enter 35% of the standard unit cost															
18. Column P: enter the savings or expense on the item															

TPQ-46 CCA'S LISTED BY PART NUMBER

<u>PART NUMBER</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
SM-D-803125	5998-01-092-2546	DATA BUS ENCODER
SM-D-803128	5998-01-109-2109	DATA BUS DECODER
SM-D-803140	5998-01-092-2749	CLOCK OSCILLATOR
SM-D-803146	5998-01-092-2750	TILT SENSOR CONVERTER
SM-D-803149	5998-01-092-2751	PHASE SHIFTER DRIVER
1635882-100	5998-01-072-8190	VIDEO B-SCOPE CONVERTER
1635883-100	5998-01-072-8191	COMPUTER MESSAGE CONTROL
1635884-100	5998-01-072-8192	CLOCK/TV SYNC GENERATOR
1635885-100	5998-01-072-8193	CURSOR/VIDEO OUTPUT
1635886-100	5998-01-081-9420	VIDEO B-SCOPE BUFFER
1635910-100	5998-01-072-8195	DOPPLER FILTER
1635911-100	5998-01-072-8196	COEFFICIENT GENERATOR A
1635912-100	5998-01-072-8197	COEFFICIENT GENERATOR B
1635913-100	5998-01-072-4630	PROCESS CYCLE TIMING
1635914-100	5998-01-072-4631	CROSSING DETECT THRESHOLD
1635915-100	5998-01-072-4632	TARGET DETECTOR
1635916-100	5998-01-072-4633	PHASE GAIN BIAS CORRECTION
1635917-100	5998-01-072-4634	GENERAL PURPOSE FLIP-FLOP
1635918-100	5998-01-072-4635	PULSED INTERFERENCE DET.
1635919-100	5998-01-072-4636	TARGET/BITE BUFFER
1635920-100	5998-01-072-4637	1K X 24 RAM
1635921-100	5998-01-072-4638	READ CONTROL
1635922-100	5998-01-072-4639	COMMAND DATA
1635923-100	5998-01-072-4640	COLLECT CYCLE TIMING
1635924-100	5998-01-072-4657	TIMING NO. 1 DECODER
1635926-100	5998-01-072-4641	FRAME DECODER
1635928-101	5999-01-281-8069	MTI CANCELLER
1635929-100	5998-01-072-4563	RECOMBINER
1635930-100	5998-01-072-4643	SIGNATURE GENERATOR
1635931-100	5998-01-072-4644	TRI-STATE MULTIPLEXER
1635932-100	5998-01-072-4645	RECEIVE GAIN CONTROL
1635933-100	5998-01-072-4646	RAM ADDRESS GENERATOR
1635935-100	5998-01-072-4570	DIFFERENTIAL DRIVER/RECEIVER
1635936-100	5998-01-072-8210	VIDEO INPUT REGISTER
1635939-100	5998-01-072-8186	GENERAL PURPOSE REGISTER
1635940-100	5998-01-072-4619	GENERAL PURPOSE GATE
1635941-100	5998-01-072-4648	TIMING NO. 2 DECODER
1635946-100	5998-01-072-8199	4K RAM
1635947-100	5998-01-072-8200	MEAN LEVEL SELECT

<u>PART NUMBER</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
1635948-100	5998-01-072-8201	ACCUMULATOR
1635949-100	5998-01-072-8202	COMPOSITE GENERATOR
1635950-100	5998-01-072-8220	TRACK IN-PHASE/QUADRAT STRB
1635951-100	5998-01-072-8221	GENERAL VERIFY GATE
1635952-100	5998-01-072-4665	CLUTTER MAP TRK CORRELATOR
1635953-100	5998-01-072-4666	CLUTTER MAP ADDRESS
1635954-100	5998-01-072-4671	CLUTTER MAP INTEGRATOR
1635955-101	5999-01-192-6493	TARGET COUNT
1635956-100	5998-01-072-8204	SIGNAL PROCESS CYCLE GEN.
1635957-100	5998-01-072-8205	COLLECT CYCLE SIGNAL GEN.
1635960-100	5998-01-072-8206	WRITE CONTROL
1635961-100	5998-01-072-8207	COMMAND DATA CONTROL
1635962-100	5998-01-072-8208	SIGNAL DELAY MEAN LEVEL GEN.
1635963-100	5998-01-072-8209	INTEGRATOR LOG CONVERTER
1635964-100	5998-01-072-4651	B-SCOPE INTERFACE CIRCUIT
1635967-100	5998-01-078-5935	SWITCH/ALPHA LOGIC LATCH
1635968-100	5998-01-072-8211	DRIVER INDICATOR
1635970-100	5998-01-072-8222	EASTING ROW/COLUMN DRIVER
1635971-100	5998-01-072-8223	MAP COTROL
1635972-100	5998-01-072-8224	MICROPROCESSOR CONTROL 1
1635973-101	5999-01-192-6490	CART. PRNTR INPUT/OUTPU CONT.
1635975-100	5998-01-072-8225	CLUTTER MAP TRACK UPDATE
1635977-100	5999-01-072-8187	TACFIRE DATA STORAGE
1635979-100	5998-01-072-8188	TACFIRE TIMING
1642175-100	5999-01-072-8228	MEMORY FUNCTION INTERFACE
1642176-100	5998-01-072-8229	ARITHMETIC REGISTER
1642177-100	5998-01-072-8230	MICROSEQUENCER
1642178-100	5998-01-072-8231	READ ONLY MEMORY 1
1642179-100	5998-01-081-9422	READ ONLY MEMORY 2
1642180-100	5998-01-081-9423	READ ONLY MEMORY 3
1642181-100	5998-01-072-4667	REGISTER CONTROL
1642182-100	5998-01-072-8232	8192 X 18 MEMORY
1642183-100	5998-01-072-8212	EXTERNAL MULTIPLEX REGISTER
1642184-100	5998-01-072-8233	EXTENSION EXTERNAL CONTROL
1642185-102	5999-01-192-6508	PRGRM. STAT INSTRCT. DECODER
1642186-100	5998-01-072-4668	FAST MULTIPLIER CORDIC
1642187-100	5998-01-073-5676	I/O COMMON DATA PATH
1642188-100	5998-01-072-4658	I/O COMMON CONTROL
1708261-100	5998-01-317-8582	DUAL CHANNEL CONTROL
1642190-105	5999-01-238-9736	DIAGNOSTICS PANEL INTERFACE
1650873-100	5998-01-081-6886	EXTERNL MULTIPLEXER REGSTR

<u>PART NUMBER</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
SM-D-803216	5840-01-088-6656	A OSCILLATOR CARD
C5000821	5840-01-238-9511	B OSCILLATOR CARD

Circuit Cards to be added pending gold dishing.

SM-D-803195	5998-01-072-4599	CIRCUIT CARD
SM-D-803222	5998-01-088-6791	CIRCUIT CARD
SM-D-803228	5895-01-088-6772	CIRCUIT CARD
C5089749	5998-01-323-3112	CIRCUIT CARD



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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <u>  X  </u>
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D. SYSTEM/ITEM Firefinder Radar Screening Program	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Technical Report - Study/Service	Production Monthly Status Report

4. AUTHORITY (Data Acquisition Document No.) DI-MISC-81255	5. CONTRACT REFERENCE	6. REQUIRING OFFICE MarCom SysCom Albany (BMADS)
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7. DD 250 REQ <b>LT</b>	9. DIST STATEMENT REQUIRED  <b>A</b>	10. FREQUENCY <b>Monthly</b>	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE		b. COPIES	
						Draft	Final
					Reg		Repro

[illegible]

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
David A Townsend	07/11/03	James E. Delaney	7/11/03

17. PRICE GRO	
18. ESTIMATE TOTAL PR	

**(1 Data Item)**

**Form Approved**

OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <u>  X  </u>
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D. SYSTEM/ITEM Firefinder Radar Screening Program	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A002	Technical Report - Study/Service	Five Year Estimate Report

4. AUTHORITY (Data Acquisition Document No.)  DI-MISC-80508	5. CONTRACT REFERENCE  SOW Para 4.1.e	6. REQUIREMENT ORIGIN  MarCom Sys Albany (BMADS)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED  A	10. FREQUENCY Annual	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES		
					Draft	Final	
						Reg	Repr

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
David A Townsend	07/11/03	James C. DeLong	07-11-2003

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<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____ <input checked="" type="checkbox"/>
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B001	Engineering Change Proposal (ECP)	Configuration Management

7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION
				b. COPIES

8. APP CODE	A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	<table border="1"> <tr> <td rowspan="2">Draft</td> <td colspan="2">Final</td> </tr> <tr> <td>Reg</td> <td>Repro</td> </tr> </table>	Draft	Final		Reg	Repro
Draft	Final									
	Reg	Repro								

16. REMARKS	MCI BA (583-1)	0	1	0
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18. ESTIMATED TOTAL PRICE	
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G. PREPARED BY		H. DATE	I. APPROVED BY	J. DATE
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NAME <i>Nicole L. Bradley</i>	DATE <b>MAR 26 2003</b>	NAME <i>Harley Deering</i>	DATE <b>4-07-2003</b>
DD FORM 1423-1, AUG 96 (EG)		PREVIOUS EDITION MAY BE USED.	
		Page      of      Pages	

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Firefinder Radar Screening Program		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B002	Request For Deviation (RFD)	Configuration Management

4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C	5. CONTRACT REFERENCE SOW Para 3.3	6. REQUIRING OFFICE MCLBA (583-1)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED  A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE		b. COPIES	
						Draft	Final
					Reg	Repro	

16. REMARKS	MCLBA (583-1)	0	1	0
Blk 4 - Contractor format is authorized and shall be submitted in .doc or .pdf format.				

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

RFDs shall be transmitted via E-Mail to the following address:  
mbmatcomconfigmngmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

**17. PRICE GROUP**

**18. ESTIMATED  
TOTAL PRICE**

G. PREPARED BY <i>Glenn L. Bradley</i>	H. DATE MAR 26 2003	I. APPROVED BY <i>Harvey Dearing</i>	J. DATE 4-07-2003
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